

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED

LOCATION MANAGEMENT FOR CELLULAR SYSTEMS

the specification of which (CHECK applicable BOX(ES))

A. is attached hereto.
BOX(ES) B. was filed on _____ as U.S. Application No. _____ /
 C. was filed as PCT International Application No. PCT/ FI00 / 00357 on 26 April 2000

and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

| PRIOR FOREIGN APPLICATION(S) | | Date first Laid-open or Published | Date Patented or Granted | Priority Claimed |
|------------------------------|---------|-----------------------------------|--------------------------|------------------|
| Number | Country | Day/Month/Year Filed | | Yes No |
| 991466 | Finland | 28 June 1999 | | X |

I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

| PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) | | Status | Priority Claimed |
|------------------------------------------------------------------|----------------------|------------------------------|------------------|
| Application No. (series code/serial no.) | Day/Month/Year Filed | pending, abandoned, patented | Yes No |
| | | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary.

| | | | | | | | |
|--------------------|-------|--------------------|-------|----------------------|-------|----------------------|-------|
| Paul N. Kokulis | 16773 | Dale S. Lazar | 28872 | Mark G. Paulson | 30793 | Michael R. Dzwonczyk | 3678Z |
| Raymond F. Lippitt | 17519 | Paul E. White, Jr. | 32041 | Stephen C. Glazier | 31361 | W. Patrick Bengtsson | 32456 |
| T.G. Lloyd Knight | 17698 | Glenn J. Perry | 28458 | Paul F. McQuade | 31542 | Jack S. Barufka | 37087 |
| Carl G. Love | 18781 | Kendrew H. Colton | 30368 | Ruth N. Morduch | 31044 | Adam R. Hess | 41835 |
| Kevin E. Joyce | 20508 | G. Paul Edgell | 24238 | Richard H. Zaitlen | 27248 | | |
| George M. Sirilla | 18221 | Lynn E. Eccleston | 35861 | Roger R. Wise | 31204 | | |
| Donald J. Bird | 25323 | Timothy J. Klima | 34852 | Jay M. Finkelstein | 21082 | | |
| Peter W. Gowdrey | 25872 | David A. Jakopin | 32995 | Anita M. Kirkpatrick | 32617 | | |

(1) INVENTOR'S SIGNATURE:

Jaakko Kallio

Date: 25/01/2001

| INVENTOR | | | |
|---------------------|------------------------------------------------|-----------------------|------------------------|
| First | Middle Initial | Family Name | |
| Jaakko | K | | |
| Residence | Helsinki | Finland | Finland |
| City | | State/Foreign Country | Country of Citizenship |
| Post Office Address | Lapinrinne 2 A 11, FIN-00180 Helsinki, Finland | | |
| (include Zip Code) | | | |

(2) INVENTOR'S SIGNATURE:

Kalle Ahmavaara

Date: 09/01/2001

| INVENTOR | | | |
|---------------------|------------------------------------------------------|-----------------------|------------------------|
| First | Middle Initial | Family Name | |
| Kalle | | | |
| Residence | Helsinki | Finland | Finland |
| City | | State/Foreign Country | Country of Citizenship |
| Post Office Address | Hakaniemenranta 18 D 62, FIN-00530 Helsinki, Finland | | |
| (include Zip Code) | | | |

(FOR ADDITIONAL INVENTORS, check box to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)

DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date: 2.2.2001

| | | |
|---------------------|---------------------------------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | Finland | Finland |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | Kaksoiskiventie 7-9 B 5, FIN-02760 Espoo, Finland | |

(4) INVENTOR'S SIGNATURE:

Date: 20/01/2001

| | | |
|---------------------|-------------------------------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | Finland | Finland |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | Tulisuonkuja 1 A 4, FIN-00930 Helsinki, Finland | |

(5) INVENTOR'S SIGNATURE:

Date: 20/01/2001

| | | |
|---------------------|--------------------------------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | Finland | Finland |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | Porvoonkatu 1 F 214, FIN-00510 Helsinki, Finland | |

(6) INVENTOR'S SIGNATURE:

Date: 2.2.2001

| | | |
|---------------------|------------------------------------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | Finland | France |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | Riistavuorenkuja 3 B 10, FIN-00320 Helsinki, Finland | |

(7) INVENTOR'S SIGNATURE:

Date:

| | | |
|---------------------|------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | | |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | | |

(8) INVENTOR'S SIGNATURE:

Date:

| | | |
|---------------------|------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | | |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | | |

(9) INVENTOR'S SIGNATURE:

Date:

| | | |
|---------------------|------------------------|-------------|
| First | Middle Initial | Family Name |
| Residence | | |
| City | State/Foreign Country | |
| Post Office Address | Country of Citizenship | |
| (include Zip Code) | | |